

Figure 1

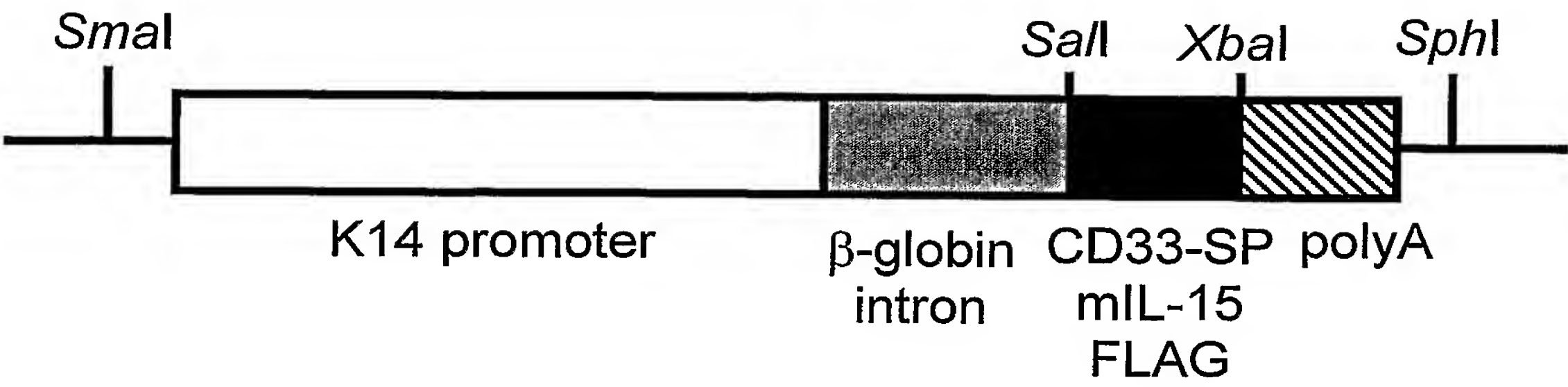
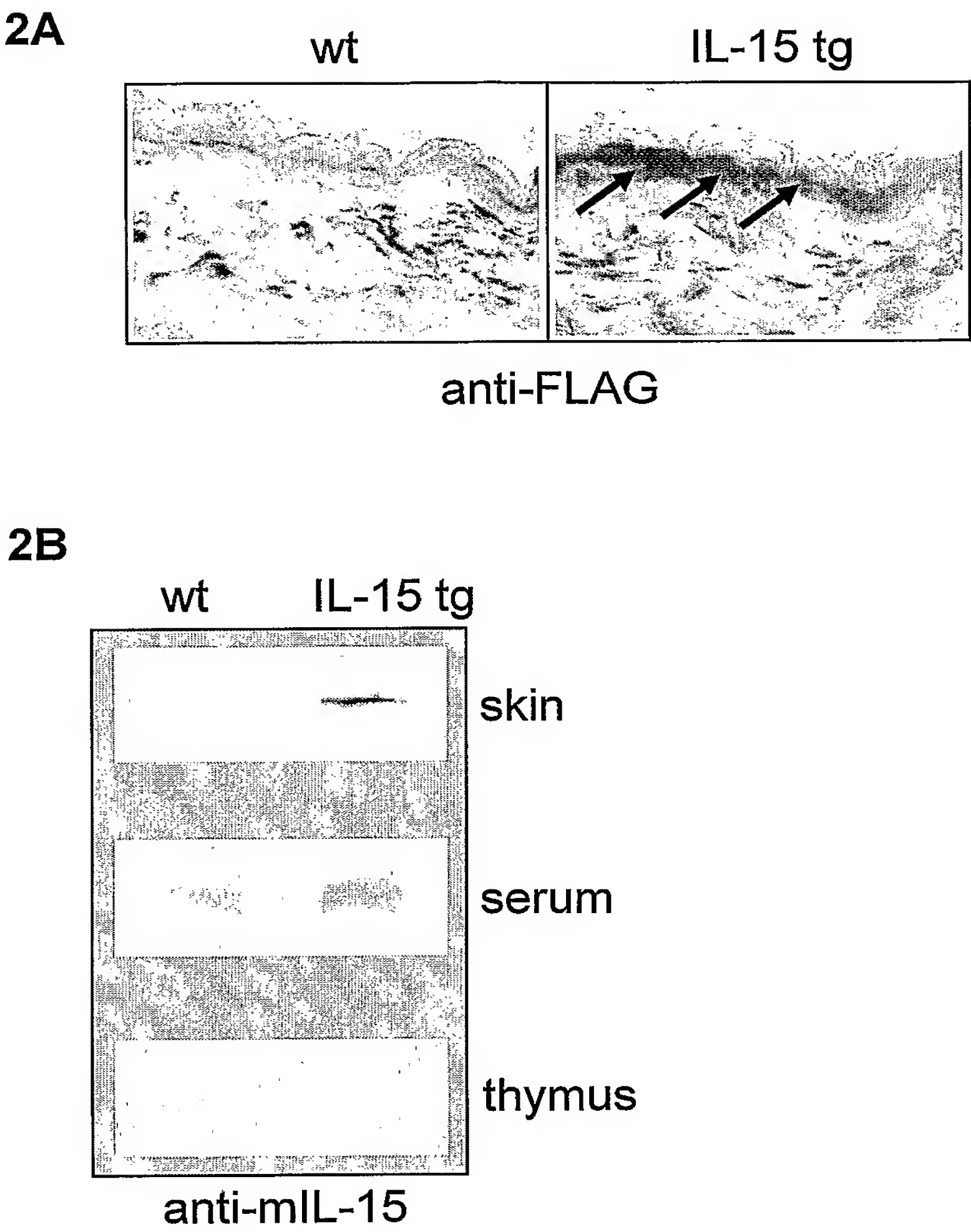


Figure 2



**Figure 3**

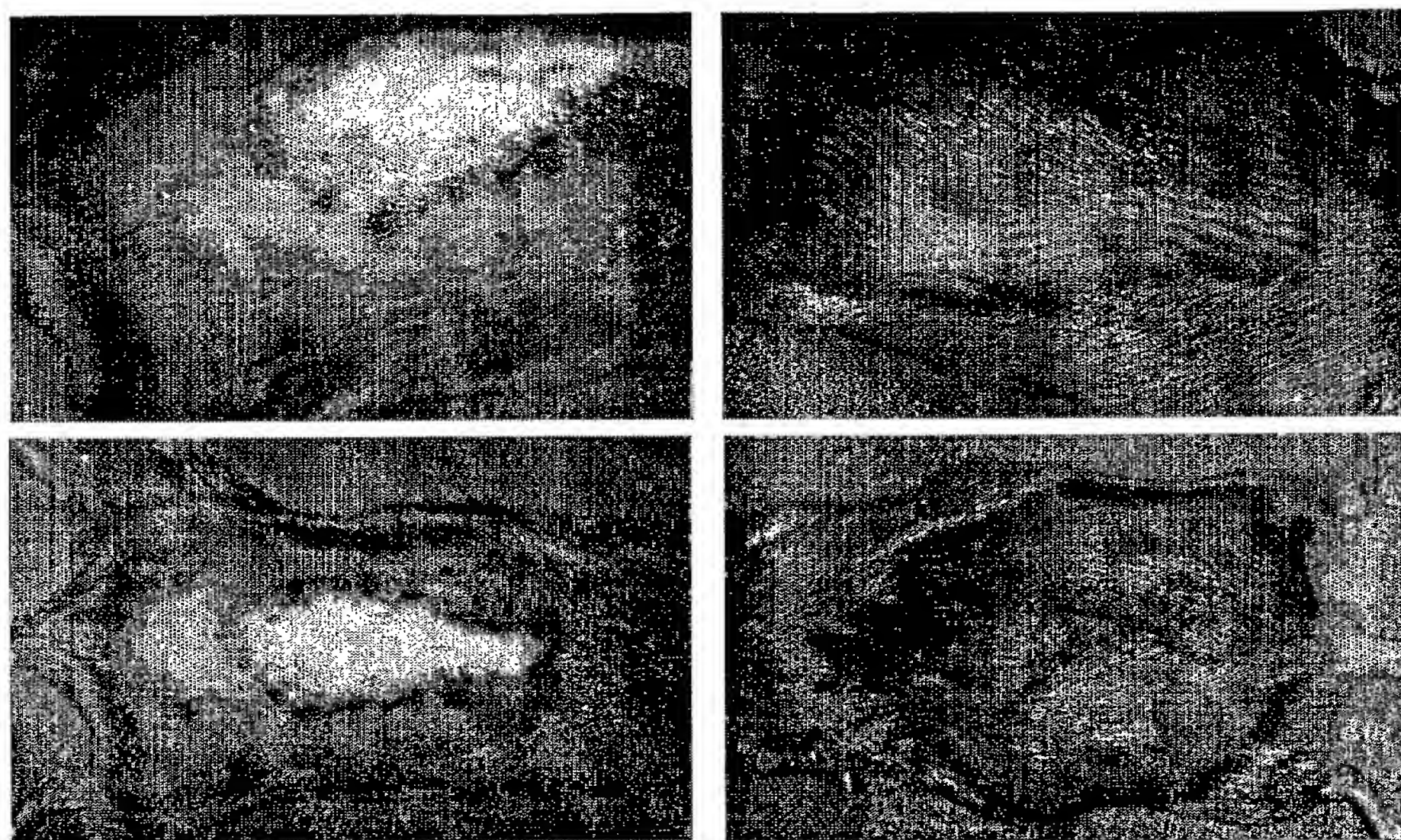
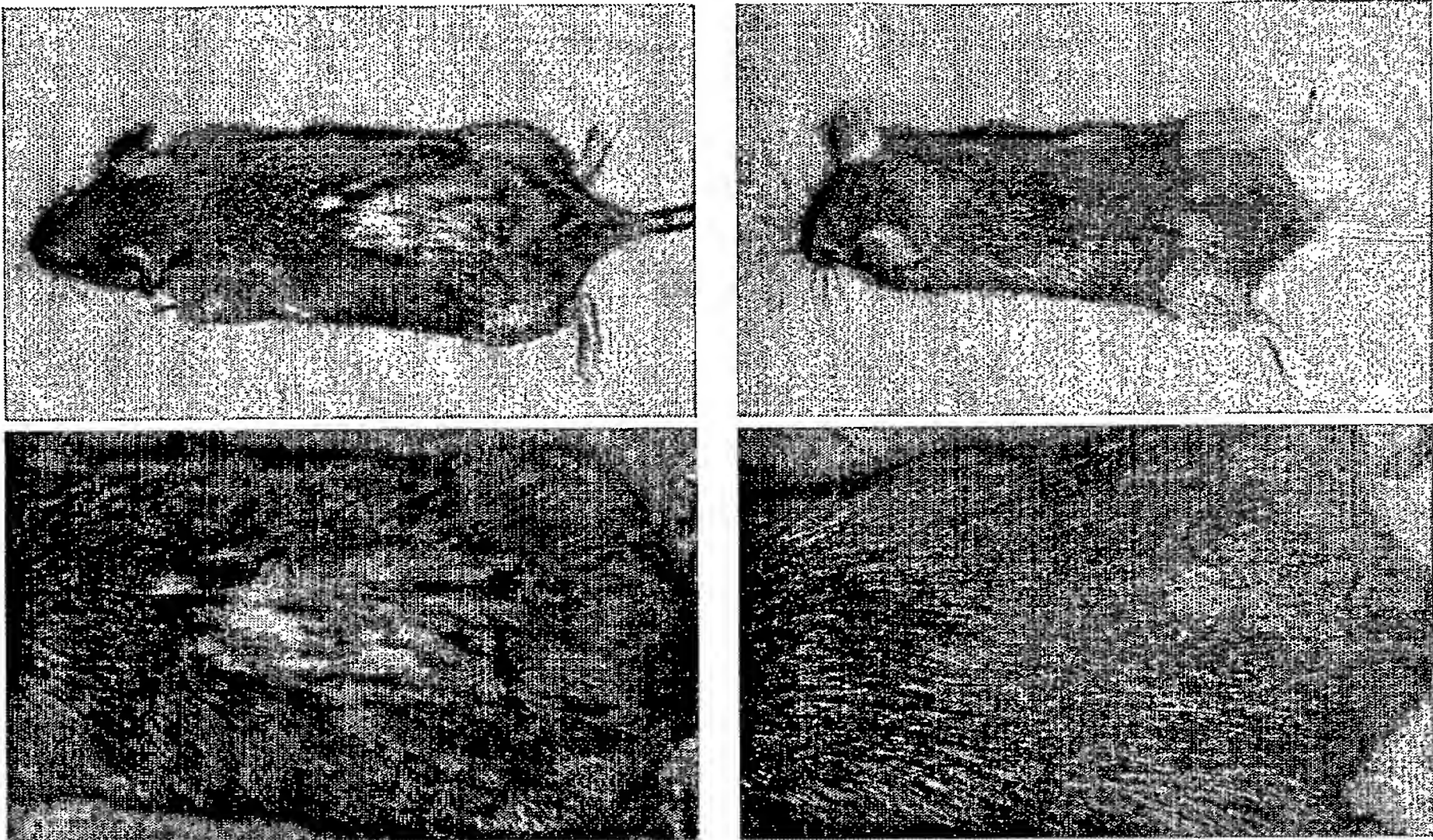




Figure 4

4A



4B

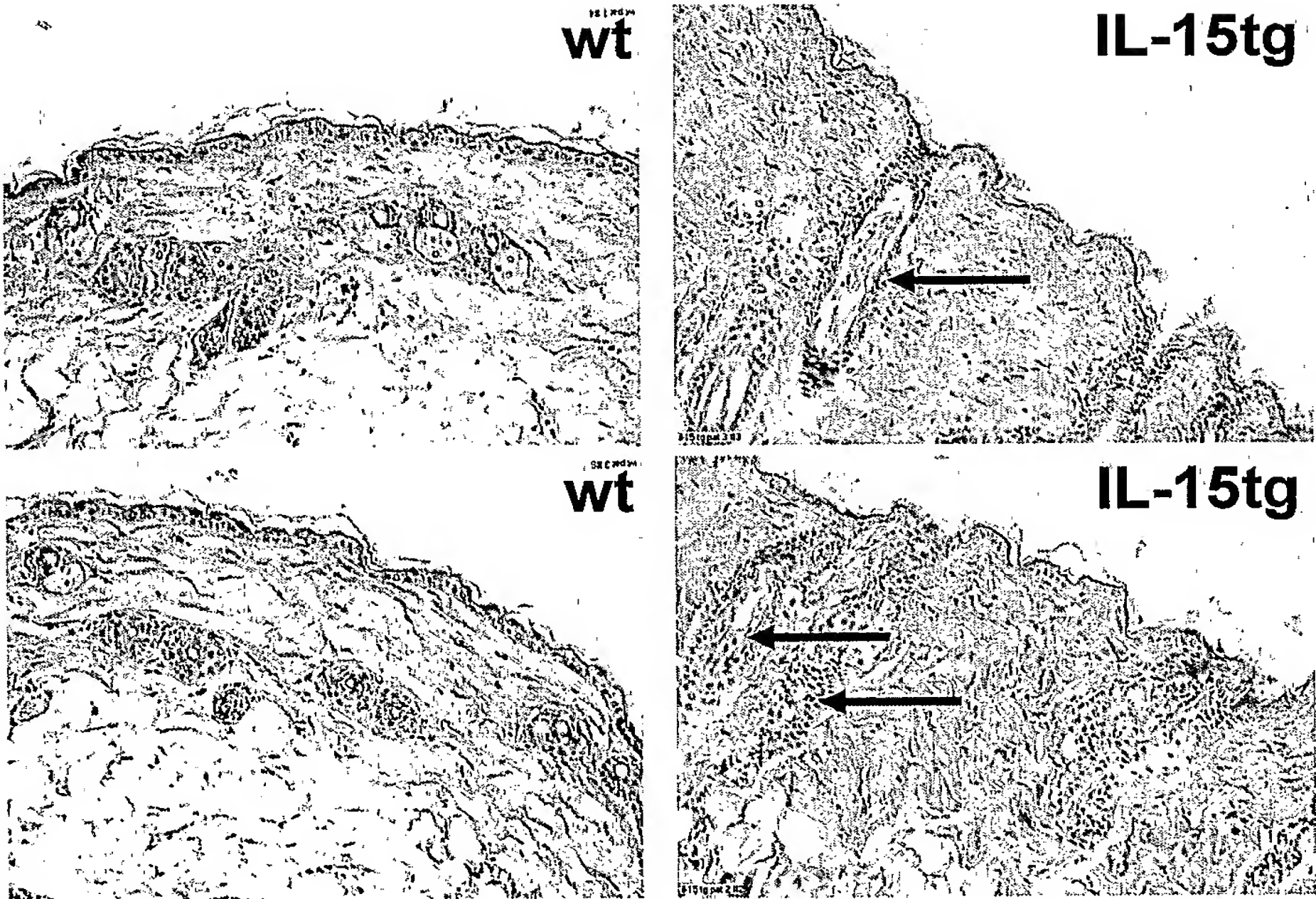


Figure 5

**mIL-15 mRNA - modified Sequence**

```
1  cttctgtcca gccactcttc cccagagttc tcttcttcat cctccccctt gcagagtagg
61  gcagcttgca ggtcctcctg caagtctctc ccaattctct gcgccccaaa gacttgcagt
121 gcattctcctt acgcgctgca gggaccttgc cagggcagga ctgcccccgc ccagttgcag
181 agttggacga agacgggatc ctgctgtgtt tggaaggctg agttccacat ctaacagctc
241 agagaggtca ggaaagaatc caccttgaca catggccctc tggctcttca aagcactgcc
301 tcttcatggt ccttgctggt gaggtcctta agaacacaga aacctatgtc agcagataac
361 cagcctacag gaggccaaga agagttctgg atggatggca gctggaagcc catcgccata
421 gccagctcat cttcaacatt gaagctctta cctgggcatt aagtaatgaa aattttgaaa
481 ccatatatga ggaatacatc catctcgtgc tacttggtgtt tccttctaaa cagtcaacttt
541 ttaactgagg ctggcattca tgtcttcatt ttgggctgtg tcagtgtagg tctccctaaa
601 acagaggcca actggataga tgtaagatat gacctggaga aaattgaaag ccttattcaa
661 tctattcata ttgacaccac tttatacact gacagtgact ttcattcccag ttgcaaagtt
721 actgcaatga actgctttct cctggaattg caggttatth tacatgagta cagtaacatg
781 actcttaatg aaacagtaag aaacgtgctc taccttgcaa acagcactct gtcttctaac
841 aagaatgtag cagaatctgg ctgcaaggaa tgtgaggagc tggaggagaa aaccttcaca
901 gagtttttgc aaagctttat acgcattgtc caaatgttca tcaacacgtc ctgactgcat
961 gcgagcctct tccgtgtttc tgttattaag gtacctccac ctgctgctca gaggcagcac
1021 agctccatgc atttgaaatc tgctgggcaa actaagcttc ctaacaagga gataatgagc
1081 cacttggatc acatgaaatc ttggaaatga agagaggaaa agagctcgtc tcagacttat
1141 ttttgcttgc ttatttttta tttattgctt catttgtaca tatttgtaat ataacagaag
1201 atgtggaata aagttgtatg gatattttat caattgaaat ttaaaaaaaaa
```

Startcodon, Stopcodon:	red
CD33 Signalpeptide:	blue
FLAG-Epitope-Tag:	green